

INSIDE / OUTSIDE SCRIBE

INTRODUCTION

- 1 The applicant, Robert Thomas Allen, a Canadian citizen, whose address is 3179
E. 16th. Ave., Vancouver, B.C., Canada, V5M 2M7, requests the grant of a patent
for an invention entitled; Inside / Outside Scribe, which is described and
claimed in this specification.
- 2 The applicant is the sole inventor.
- 3 The applicant believes that he is entitled to claim status as a "small entity".
- 4 The applicant has applied for patent on the same invention in Canada.
- 5 The filing date in Canada was 01/19/2001.
- 6 The Canadian application was laid open on 07/19/2002.
- 7 The Canadian application Number is 2,335,874.

CROSS-REFERENCE TO RELATED APPLICATIONS

- 8 Not applicable

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

- 9 Not applicable

REFERENCE TO SEQUENCE LISTING, A TABLE OR A COMPUTER
PROGRAM LISTING COMPACT DISC APPENDIX

10 Not applicable

BACKGROUND

- 11 The invention is a response to the needs of carpenters, building trades technicians and other s who need to mark or trim work pieces parallel to either an inside or outside edge. This is exemplified by the scribing process involved in fitting a counter top to an uneven wall or in marking out a border to be painted around the perimeter of a sign.
- 12 There are many tools on the market which perform either inside edge marking, scoring or cutting functions, such as the "Adjustable gauge", U.K. Patent number GB2197614, invented by Cryan; Henry Joseph or the tradiditional log scribe type. There are outside edge marking, scoring and cutting tools such as the "Scoring Devise With Edge Guide", U.S. patent number 4,030,195, invented by Insolio; Thomas A. orthe traditional mortise gauge type tools. The Inside / Outside Scribe offers the user both inside edge and outside edge marking, scoring and cutting abilty. The invention is also a tool that is compact, cost effective; conveneint and easy to use.

BRIEF SUMMARY OF THE INVENTION

- 13 The invention is a hand held scribing and gauging tool which has been designed for use by building trades workers to quickly perform marking, scoring or cutting tasks relative to inside corners, such as fitting cabinets or tiles to uneven walls or to mark work pieces relative to outside edges for such functions as blind fastening or painting borders. Marking, scoring or cutting instruments may be used in the tool to perform those functions. The chosen instrument is placed in the instrument holder which slides along the body of the tool and fixed at a given distance the end of the tool which is either hooked over or butted into a corner and moved along said corner to produce a mark, score or cut line at the desired distance from the corner or edge

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING

- 14 Fig. 1, Cross section of Fig. 2 at aa with thumbscrews aligned.
- 15 Fig. 2, Face view of Inside / Outside Scribe, body and instrument holder
- 16 Fig. 3, Side view of body and end view of instrument holder with thumbscrews aligned.
- 17 Fig. 4, Side view of instrument holder with aligned thumbscrews.
- 18 Fig. 5, Top view of instrument holder without thumbscrews.
- 19 Fig. 6, End view of instrument holder with aligned thumbscrews.
- 20 Fig. 7, Bottom view of instrument holder without thumbscrews.

DETAILED DESCRIPTION OF THE INVENTION

21 In the advantageous embodiment of the inside/outside scribe, as seen in the drawings, the tool consists of an elongate body 1, made of a rugged material such as stainless steel, which is bent and formed at one end thereof, creating an edge follower 9, and a corner follower 10. Upon the body is mounted a sliding and fixable instrument holder 2, made of suitable material, such as anodised aluminium, which holds, adjustably and releasably, by means of a thumbscrew 5, screwed into threaded hole 13, marking cutting or other instruments which are inserted through hole 3, and adjusted for intended use. Scales 11, are etched into and printed onto the face side of the body 1. The instrument holder 2, is slidably and stopably mounted on the body 1, by means of a large, machined or cast metal or moulded polymer, (with inserted, threaded metal stud), shouldered thumbscrew 4, which passes through a slot 12, cut out of the body 1 and is screwed into threaded hole 13, of the instrument holder 2. The thickness of the instrument holder 2, is advantageously equal to the distance between the corner follower 10, and the edge follower 9, thereby creating a relationship between the far cursor edge 8, and the corner follower 10, whereby the distance from the corner follower 10, to the centre-line of an instrument being held in hole 3, of the instrument holder 2, can be directly read, adjacent to the far cursor edge 8, on the preferred, etched and inked scale 11, which is aligned with a plane parallel to the edge follower 9, and laying halfway between the edge follower 9, and the corner follower 10, and represents zero. A corollary relationship therefor exists between

the near cursor edge 7, and the edge follower 9, whereby the distance from the edge follower 9, to the centre-line of an instrument mounted in the instrument holder 2, may be directly read on the scale 11, adjacent to the near cursor edge 7. A nub 6, protrudes from the bottom of the instrument holder 2, which acts to align the instrument holder 2, in the slot 12, as it is mounted on the body 1. A plane formed by the centre-line of the held instrument and the corner follower 10, is roughly parallel to the main portion of the body, insuring relative accuracy of performance as the tool may be held at an approximate right angle to straight edges and adjacent surfaces and normal to curved edges and surfaces.